

REMARKS/ARGUMENTS

The drawings were objected to under 37 CFR 1.83(a). Claims 13 and 17 were objected to. Claims 11, 12 and 19 were rejected under 35 U.S.C. §102(b) as being anticipated by Quadracci (U.S. Patent No. 5,108,531). Claims 13 to 18 and 20 were rejected under 35 U.S.C. §103(a) as being unpatentable over Quadracci.

Claims 12 and 18 are canceled. Claims 11, 13, 14, 16, 17 and 19 are amended. Support for the amendments may be found in the original claims, at paragraphs [0012] and [0021] to [0023] of the specification and in Figs. 2 and 4, for example.

The specification has been amended at paragraphs [0021] and [0022] to indicate where the at least one steam-heatable roller, the at least one water-heatable roller, the at least one microwave source and the at least one infrared light source are shown in the drawings. No new matter has been added and support is found in the original claims and at paragraph [0009] of the specification as filed.

Submitted herewith are two replacement sheets of drawings, which include changes to Figs. 1 and 2. Support is found in the original claims and at paragraphs [0011] and [0020] of the specification as filed, for example.

Reconsideration of the application is respectfully requested.

Objections to the Drawings

The drawings were objected to under 37 CFR 1.83(a) for failing to show every feature of the invention specified in the claims.

The specification has been amended at paragraph [0021] to indicate where the at least one steam-heatable roller, the at least one water-heatable roller, the at least one microwave source and the at least one infrared light source are shown in the drawings. No new matter has been added and support is found in the original claims and at paragraph [0009] of the specification as filed.

Claim 14 has been amended to more particularly and distinctly claim the invention and it is submitted that the features of claim 14 are clearly shown in Fig. 2.

Replacement drawings are submitted herewith, including amendments to Fig. 2. In Fig. 2, schematic representations of In Fig. 2, a schematic representation of a device 100 having a number of motorless belts and/or a number of grippers, identified by reference character 100, has

been added. Support is found in the original claims and at paragraph [0011], for example. No new matter has been entered. It is respectfully submitted that the features of claims 16 and 17 are now shown in Fig. 2

Withdrawal of the objections to the drawings is respectfully requested.

Objections to the Claims

Claims 13 and 17 were objected to for attempting to claim multiple embodiment or arrangements in one claim.

Claims 13 and 17 have been amended accordingly, and thus withdrawal of the objections to claims 13 and 17 is respectfully requested.

35 U.S.C. §102(b) Rejections

Claims 11, 12 and 19 were rejected under 35 U.S.C. §102(b) as being anticipated by Quadracci (U.S. Patent No. 5,108,531).

Claims 11 and 19 have been amended to include limitations similar to the limitations of canceled claim 18. Thus, withdrawal of the rejection under 35 U.S.C. 102(b) of claims 11 and 19 is respectfully requested.

35 U.S.C. §103(a) Rejections

Claims 13 to 18 and 20 were rejected under 35 U.S.C. §103(a) as being unpatentable over Quadracci.

Quadracci discloses a web offset stereographic printing system 10 including printing units 20, a dryer 14 and a chill roll 15 upstream of printing units 20, and a dryer 22 and chill roll 24 downstream of printing units 20. (Col. 2, lines 55 to 68).

Claims 11 and 19 have been amended to include limitations similar to the limitations of canceled claim 18.

Claim 11, as amended, recites “[a] web-fed rotary press for printing on a web substrate using heat-set inks in an offset printing process comprising:

at least one print unit;

at least one dryer; and

at least one additional device for inputting heat into the web substrate, the at least one additional device for inputting heat being positioned upstream from the at least one print unit along a path of the web substrate through the web fed rotary press, the at least one additional device for inputting heat being fed by energy from the exhaust air from the dryer.”

Claim 19, as amended, recites “[a] method for minimizing fluting in a web-fed rotary press for printing on a web substrate using heat-set inks in an offset printing process comprising the steps of:

guiding the web substrate through the web-fed rotary press along a path;

printing on the web substrate by at least one print unit;

drying the web substrate once imprinted at a first location; and

supplying heat to the web substrate at least at one other location along the path through the web-fed rotary press, the at least at one other location being positioned upstream from the at least one print unit along the path, the heat being generated from energy from the exhaust air from the dryer.”

It is respectfully submitted the limitation of “the at least one additional device for inputting heat being fed by energy from the exhaust air from the dryer” of claim 11 or the step of “supplying heat to the web substrate at least at one other location along the path through the web-fed rotary press, the at least at one other location being positioned upstream from the at least one print unit along the path, the heat being generated from energy from the exhaust air from the dryer” of claim 19 would not have been obvious in view of Quadracci. It is respectfully submitted that it would not have been obvious to one of skill in the art to have modified printing system 10 of Quadracci to feed energy from exhaust air of downstream dryer 22 to upstream dryer 14 because one of skill in the art would have no reason for such a modification.

Furthermore, it is respectfully submitted that the Examiner’s arguments with respect to canceled claim 18 are the result of hindsight reasoning and provide an inadequate basis for an obviousness rejection. The Examiner merely stated that claim 18 was obvious because the use of “exhaust air from a dryer for inputting heat is conventional.” However, this statement fails to address any specific claim language and fails to provide any reason why modifying Quadracci to meet the specific claim language would have been obvious to one of ordinary skill in the art. Thus, it is respectfully submitted that one of ordinary skill in the art would not have had any

reason that have modified Quadracci to meet this limitations of claim 11 and claim 11 is not obvious in view of Quadracci.

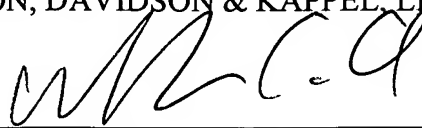
Withdrawal of the rejection under 35 U.S.C. 103(a) of the claims is respectfully requested.

CONCLUSION

The present application is respectfully submitted as being in condition for allowance and applicants respectfully request such action.

Respectfully submitted,
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